

EXHIBIT

8

Subcontract No. 1560728

**COST-REIMBURSEMENT WITH AN
EDUCATIONAL INSTITUTION (UNIVERSITY OR COLLEGE) SUBCONTRACT**

This Subcontract is between the Subcontractor (identified below) and the California Institute of Technology, Jet Propulsion Laboratory ('the Institute' or 'JPL'), and is awarded pursuant to the Prime Contract between JPL and NASA, and shall be administered in accordance with the following, which are incorporated by reference and made an integral part of this Subcontract:

- "General Provisions (GPs) Set for Cost Reimbursement without Fee with an Educational Institution Subcontract," dated 04/14 (available at <https://acquisition.jpl.nasa.gov/terms-conditions/>)
- Subcontract Forms Set, dated 6/14 (available at <https://acquisition.jpl.nasa.gov/terms-conditions/>)
- Below "ARTICLES."

Subcontractor's Name University of Tennessee, Knoxville

Address: Office of Research and Engagement
Blount Hall, 1534 White Avenue
Knoxville TN 37996

For Work Described In: This Subcontract including all exhibits.

Effective Dates:

Start Date: October 11, 2016

Completion Date: October 31, 2017

Cost Summary:

Estimated Cost: \$60,000.00

Total Amount Allotted: \$60,000.00

----- POINTS OF CONTACT -----

	<u>Name</u>	<u>Phone No.</u>	<u>Email</u>
<u>Subcontractor:</u>			
Administrative:	Tara Halstead	865-974-8795	thalstea@utk.edu
Principal Investigator:	Dr. Anming Hu	865-974-5993	ahu3@utk.edu
<u>JPL:</u>			
Subcontracts Manager:	Kathryn Manzanares	818-393-5983	kathryn.manzanares@jpl.nasa.gov
Technical Manager:	Dr. Yoseph Bar-Cohen	818-354-2610	Yoseph.Bar-Cohen@jpl.nasa.gov

The below parties have agreed to the Subcontract's terms and conditions and to the effective start date.

CALIFORNIA INSTITUTE OF TECHNOLOGY
JET PROPULSION LABORATORY

UNIVERSITY OF TENNESSEE, KNOXVILLE

By:

By:

Signed
Kathryn Manzanares
Subcontracts Manager II

Date

Signed
Tara Halstead
Contract Specialist

Date

A DO-C9 Rating is assigned to this Subcontract under DMS Regulation I.
Code of Federal Domestic Assistance (CFDA) No. 43.XXX